

IN THE ABSTRACT

Please delete in its entirety and replace with the following:

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $\epsilon \rightarrow 0$. It is shown that the solutions of the system (1) converge to the solutions of the system (2) as $\epsilon \rightarrow 0$.

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--ABSTRACT OF THE DISCLOSURE

The invention relates to a passive ceramic component with a carrier substrate, a first and a second electrode, and a ferroelectric dielectric. The electrodes and the dielectric referably comprise a multilayer structure with at least a first and a second layer. The capacitance value C of the capacitor can be varied through the application of a voltage to the electrodes owing to the field dependence of the dielectric constant ϵ_r of the dielectric. Such components may be used in filter devices or in delay lines or as replacements for variable-capacitance diodes in the manufacture of voltage-controlled oscillators.--.

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